

## Claims

1. A process for working up  $\beta$ -sulfatoethylsulfonylaniline-2-sulfonic acid from a solution in aqueous sulfuric acid, which comprises
  - 5 a first step of the  $\beta$ -sulfatoethylsulfonylaniline-2-sulfonic acid being precipitated by addition of alkali or alkaline earth metal and/or ammonium salts, separated off and dissolved in water or the sulfuric acid being precipitated by addition of calcium salts and the resulting calcium sulfate being separated off if appropriate, and
  - 10 a second step of the resultant solution being adjusted to a pH between 1 and 5 by addition of alkali or alkaline earth metal or ammonium hydroxide, carbonate, bicarbonate and/or acetate, any calcium sulfate still present being separated off and the  $\beta$ -sulfatoethylsulfonylaniline-2-sulfonic acid being isolated from the solution.
2. The process according to claim 1 wherein the  $\beta$ -sulfatoethylsulfonylaniline-2-sulfonic acid is precipitated by addition of 1 to 10 mol equivalents of sodium, potassium and/or ammonium salt in the first step.
3. The process according to claim 1 or claim 2 that utilizes sodium chloride, sodium sulfate, potassium chloride or potassium sulfate salt in the first step.
- 25 4. The process according to any of claims 1 to 3 wherein the  $\beta$ -sulfatoethylsulfonylaniline-2-sulfonic acid is isolated in the second step by precipitating with sodium, potassium and/or ammonium salts or by spray drying.
- 30 5. The process according to claim 4 wherein the  $\beta$ -sulfatoethylsulfonylaniline-2-sulfonic acid is isolated in the second step by precipitating with 1 to 10 mol equivalents of the salts.
6. The process according to claim 4 or 5 that utilizes sodium chloride or sodium sulfate as sodium salt and potassium chloride or potassium sulfate as potassium salt.
- 35 7.  $\beta$ -Sulfatoethylsulfonylaniline-2-sulfonic acid preparable by any of the processes according to claim 1 to 6.